

10/08/316

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(FILE 'HOME' ENTERED AT 14:42:33 ON 11 APR 2003)

FILE 'CA' ENTERED AT 14:42:42 ON 11 APR 2003

E ANGELL ADRIAN JOHN WAYNEFORTH/AU

L1 18 S E2, E4
E FRNACE PAUL AMAAT/AU
E FRANCE PAUL AMAAT/AU
L2 44 S E1-E9
L3 1 S L2 AND CYCLODEXTRIN#
L4 5 S CYCLODEXTRIN?(P) (CAVITY OR CAVITIES OR PORES OR HOLLOW OR
HON
L5 7 S CYCLODEXTRIN?(P) (CAVITY OR CAVITIES OR PORES OR HOLLOW OR
HON
L6 2 S L5 NOT L4

FILE 'USPATFULL' ENTERED AT 14:50:30 ON 11 APR 2003

L7 14 S L4
L8 160 S L6
L9 1555 S CYCLODEXTRIN?(P) (INORGANIC OR SULFATE# OR SULPHATE# OR
CARBON
L10 68 S L8 AND L9

=>

L4 5 CYCLODEXTRIN?(P) (CAVITY OR CAVITIES OR PORES OR HOLLOW OR
HONEYC OMB?) (P) DETERGENT#

=> d 1-5 14 ti

L4 ANSWER 1 OF 5 CA COPYRIGHT 2003 ACS
TI Molecular organization of acyl lipids in photosynthetic membranes of
higher plants

L4 ANSWER 2 OF 5 CA COPYRIGHT 2003 ACS
TI Inclusion process of ionic detergents with cyclodextrins as studied by
the conductance stopped-flow method

L4 ANSWER 3 OF 5 CA COPYRIGHT 2003 ACS
TI Hydrophilic cyclodextrin derivatives enable effective oral administration
of steroid hormones

L4 ANSWER 4 OF 5 CA COPYRIGHT 2003 ACS
TI Stabilization and controlled release of perfume in detergents

L4 ANSWER 5 OF 5 CA COPYRIGHT 2003 ACS
TI Inclusional association of a fluorescence **detergent** probe with
cyclodextrins. Microscopic environment of the interior of a
cyclodextrin cavity

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L4 ANSWER 5 OF 5 CA COPYRIGHT 2003 ACS
AN 97:39271 CA
TI Inclusional association of a fluorescence **detergent** probe with
cyclodextrins. Microscopic environment of the interior of a
cyclodextrin cavity
AU Turro, Nicholas J.; Okubo, Tsuneo; Chung, Chao Jen
CS Chem. Dep., Columbia Univ., New York, NY, 10027, USA
SO Journal of the American Chemical Society (1982), 104(14), 3954-7
CODEN: JACSAT; ISSN: 0002-7863
DT Journal
LA English
CC 33-4 (Carbohydrates)
Section cross-reference(s): 22
AB The fluorescence parameters (peak max., lifetime, relative intensity, and depolarization) of aq. solns. of a cationic detergent probe, 11-(3-hexyl-1-indolyl)undecyltrimethylammonium bromide (I), have been measured in the presence of .alpha.-, .beta.-, and .gamma.-cyclodextrins at ambient and elevated pressures. The results are consistent with the formation of complexes of I and the cyclodextrins. NMR measurements confirm the existence of the I-cyclodextrin complexes. The probe experiences a somewhat different environment in each complex. The results are compared to those for the same probe in the environment of ionic micelles and of the macroions o polyelectrolytes.
ST inclusion assocn hexylindolylundecyltrimethylammonium cyclodextrin
IT Fluorescence
 (of (hexylindolyl)undecyltrimethylammonium bromide in presence of cyclodextrins)
IT Molecular association
 (of (hexylindolyl)undecyltrimethylammonium bromide with cyclodextrins)
IT Inclusion compounds
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (of cyclodextrins with (hexylindolyl)undecyltrimethylammonium bromide)
IT 7585-39-9 10016-20-3 17465-86-0
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (inclusion complexation of, with
(hexylindolyl)undecyltrimethylammonium
 bromide)
IT 51097-79-1
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (inclusion complexation of, with cyclodextrins)

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L5 7 CYCLODEXTRIN? (P) (CAVITY OR CAVITIES OR PORES OR HOLLOW OR
HONEYC OMB?) AND DETERGENT#

=> s 15 not 14
L6 2 L5 NOT L4

=> d 1-2 16 ti

L6 ANSWER 1 OF 2 CA COPYRIGHT 2003 ACS
TI Studies of solvation of ketocyanine dyes in homogeneous and heterogeneous media by UV/Vis spectroscopic method

L6 ANSWER 2 OF 2 CA COPYRIGHT 2003 ACS
TI Inclusional association of phenolphthalein with cyclodextrins in the presence of polyelectrolytes and ionic **detergents** as studied by the temperature-jump technique

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L7 14 CYCLODEXTRIN? (P) (CAVITY OR CAVITIES OR PORES OR HOLLOW OR
HONEYC OMB?) (P) DETERGENT#

=> d 1-14 17 ti

L7 ANSWER 1 OF 14 USPATFULL
TI Method of isolating mucilaginous polysaccharides and uses thereof

L7 ANSWER 2 OF 14 USPATFULL
TI Compositions and methods for the therapy and diagnosis of colon cancer

L7 ANSWER 3 OF 14 USPATFULL
TI Compositions and methods for the therapy and diagnosis of ovarian cancer

L7 ANSWER 4 OF 14 USPATFULL
TI Compositions and methods for in vivo delivery of polynucleotide-based therapeutics

L7 ANSWER 5 OF 14 USPATFULL
TI Dioxane-substituted cyclodextrin macromolecules and inclusion complexes

L7 ANSWER 6 OF 14 USPATFULL
TI Alkylations of cyclodextrins leading to derivatives which have a rigidly extended cavity

L7 ANSWER 7 OF 14 USPATFULL
TI Preparation of colloidal aqueous solutions of active substances of low solubility and a lipid therefor

L7 ANSWER 8 OF 14 USPATFULL
TI Preparation of colloidal aqueous solutions of active substances of low solubility and a lipid therefor

L7 ANSWER 9 OF 14 USPATFULL
TI Preparation of colloidal aqueous solutions of active substances of low solubility

L7 ANSWER 10 OF 14 USPATFULL
TI Method for refolding misfolded enzymes with detergent and cyclodextrin

L7 ANSWER 11 OF 14 USPATFULL
TI Method for improving thickeners for aqueous systems

L7 ANSWER 12 OF 14 USPATFULL
TI Method for improving thickeners for aqueous systems

L7 ANSWER 13 OF 14 USPATFULL
TI Separation of cyclodextrins by affinity chromatography

L7 ANSWER 14 OF 14 USPATFULL
TI Administration of sex hormones in the form of hydrophilic cyclodextrin derivatives

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